

E Number	Hits	Search Text	DB	Time stamp
1	196	((1D or "1-D" or ("1" or one) adj1 dimension\$2) adj3 wavelet	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 15:41
2	71	((1D or "1-D" or ("1" or one) adj1 dimension\$2) adj3 wavelet) with image	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 15:42
3	71878	image with projection	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 15:42
4	6	((((1D or "1-D" or ("1" or one) adj1 dimension\$2) adj3 wavelet) with image) and (image with projection)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 15:54
5	46904	(recogniz\$6 or detect\$4 or identif\$6) adj2 (pattern or face)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 16:33
6	106372	(recogniz\$6 or detect\$4 or identif\$6) adj2 (object or body or character)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 15:57
8	2154	((recogniz\$6 or detect\$4 or identif\$6) adj2 (pattern or face)) and (image with projection)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 15:57
9	11	((recogniz\$6 or detect\$4 or identif\$6) adj2 (object or body or character)) and (((1D or "1-D" or ("1" or one) adj1 dimension\$2) adj3 wavelet) with image)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 15:57
10	2899	((recogniz\$6 or detect\$4 or identif\$6) adj2 (object or body or character)) and (image with projection)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 15:57
7	6	((recogniz\$6 or detect\$4 or identif\$6) adj2 (pattern or face)) and (((1D or "1-D" or ("1" or one) adj1 dimension\$2) adj3 wavelet) with image)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 16:07

F1	196650	horizontal with edge	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 16:08
12	272557	vertical with edge	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 16:08
13	96612	(horizontal with edge) and (vertical with edge)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 16:08
14	578	((recogniz\$6 or detect\$4 or identif\$6) adj2 (pattern or face)) and ((horizontal with edge) and (vertical with edge))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 16:09
15	58	((recogniz\$6 or detect\$4 or identif\$6) adj2 (pattern or face)) and (image with projection)) and (((recogniz\$6 or detect\$4 or identif\$6) adj2 (pattern or face)) and ((horizontal with edge) and (vertical with edge)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 16:09
16	5547	feature near3 analysis	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 16:10
17	8	((recogniz\$6 or detect\$4 or identif\$6) adj2 (pattern or face)) and (image with projection)) and (((recogniz\$6 or detect\$4 or identif\$6) adj2 (pattern or face)) and ((horizontal with edge) and (vertical with edge)))) and (feature near3 analysis)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 16:16
18	476	(LH or HL) with vector	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 16:48
20	16	((LH or HL) with vector) and ((recogniz\$6 or detect\$4 or identif\$6) adj2 (object or body or character))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 16:17
19	15	((LH or HL) with vector) and ((recogniz\$6 or detect\$4 or identif\$6) adj2 (pattern or face))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 16:17

21	12637	wavelet or subband	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 16:18
22	18	((LH or HL) with vector) and (wavelet or subband)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 16:18
23	2	("6477269" "6532307").PN.	USPAT	2004/08/13 16:24
24	0	6728406.URPN.	USPAT	2004/08/13 16:26
25	6	("5579471" "5652881" "5802361" "5852823" "5915250" "6240423").PN.	USPAT	2004/08/13 16:26
26	3	6477269.URPN.	USPAT	2004/08/13 16:32
27	7063	(recogniz\$6 or detect\$4 or identif\$6) adj2 (face)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 16:34
28	164	(feature near3 analysis) and ((recogniz\$6 or detect\$4 or identif\$6) adj2 (face))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 16:34
29	14	((feature near3 analysis) and ((recogniz\$6 or detect\$4 or identif\$6) adj2 (face))) and ((horizontal with edge) or (vertical with edge))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 16:34
30	11	((feature near3 analysis) and ((recogniz\$6 or detect\$4 or identif\$6) adj2 (face))) and ((horizontal with edge) and (vertical with edge))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 16:42
31	96	((recogniz\$6 or detect\$4 or identif\$6) adj2 (face)) and ((horizontal with edge) and (vertical with edge))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 16:45
32	156	((recogniz\$6 or detect\$4 or identif\$6) adj2 (face)) and (wavelet or subband)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 16:45
33	2	((recogniz\$6 or detect\$4 or identif\$6) adj2 (face)) and ((LH or HL) with vector)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 17:01
34	841	(LH or HL) with feature	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 16:49

35	2	((recogniz\$6 or detect\$4 or identif\$6) adj2 (face)) and (wavelet or subband)) and ((LH or HL) with feature)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 16:54
36	10	((recogniz\$6 or detect\$4 or identif\$6) adj2 (face)) and (wavelet or subband)) and ((horizontal with edge) and (vertical with edge))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 16:54
37	343	((recogniz\$6 or detect\$4 or identif\$6) adj2 (face)) and (image with projection)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 17:02
38	1	((recogniz\$6 or detect\$4 or identif\$6) adj2 (face)) and (image with projection)) and ((LH or HL) with feature)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 17:04
39	29	((recogniz\$6 or detect\$4 or identif\$6) adj2 (face)) and (image with projection)) and (wavelet or subband)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 17:23
40	572	discriminat\$4 adj1 feature	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 17:23
41	14	(discriminat\$4 adj1 feature) and ((recogniz\$6 or detect\$4 or identif\$6) adj2 (face))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 17:24
42	4	((discriminat\$4 adj1 feature) and ((recogniz\$6 or detect\$4 or identif\$6) adj2 (face))) and (wavelet or subband)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 17:27
44	1	((discriminat\$4 adj1 feature) and ((recogniz\$6 or detect\$4 or identif\$6) adj2 (face))) and projection) and (((discriminat\$4 adj1 feature) and ((recogniz\$6 or detect\$4 or identif\$6) adj2 (face))) and (wavelet or subband))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 17:27
43	4	((discriminat\$4 adj1 feature) and ((recogniz\$6 or detect\$4 or identif\$6) adj2 (face))) and projection	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/13 17:30

L Number	Hits	Search Text	DB	Time stamp
1	352	wavelet same recognition	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/11 17:24
2	193	wavelet same projection	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/11 17:25
3	19	(wavelet same recognition) and (wavelet same projection)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2004/08/11 17:25

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 Robotics and Automation, 2000. Proceedings. ICRA '00. IEEE International Conference on , Volume: 4 , 24-28 April 2000
 Pages:3253 - 3259 vol.4

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2 Face recognition using optimal non-orthogonal wavelet basis evaluation by information complexity
Xiaoling Wang; Hairong Qi;

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3 Recognition of human body posture from a cloud of 3D data points using wavelet transform coefficients
Werghi, N.; Xiao, Y.;

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 Pages:70 - 75

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4 Towards 3-dimensional face recognition
Eriksson, A.; Weber, D.;

AFRICON, 1999 IEEE , Volume: 1 , 28 Sept.-1 Oct. 1999

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 Engineering in Medicine and Biology Society, 1994. Engineering Advances: New Opportunities for Biomedical Engineers. Proceedings of the 16th Annual International Conference of the IEEE, 3-6 Nov. 1994
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Chengjun Liu;

 Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume: 25 , Issue: 6 , June 2003
 Pages:725 - 740

[\[Abstract\]](#) [\[PDF Full-Text \(8826 KB\)\]](#) **IEEE JNL**
2 Classification of washing machines vibration signals using discrete wavelet analysis for feature extraction
Goumas, S.K.; Zervakis, M.E.; Stavrakakis, G.S.;

 Instrumentation and Measurement, IEEE Transactions on , Volume: 51 , Issue: 3 , June 2002
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3 Ring-projection-wavelet-fractal signatures: a novel approach to feature extraction
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 Circuits and Systems II: Analog and Digital Signal Processing, IEEE Transactions on [see also Circuits and Systems II: Express Briefs, IEEE Transactions on] , Volume: 45 , Issue: 8 , Aug. 1998
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4 Auditory representations of acoustic signals
Yang, X.; Wang, K.; Shamma, S.A.;

Information Theory, IEEE Transactions on , Volume: 38 , Issue: 2 , March 1991

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5 Zero-crossings of a wavelet transform

Mallat, S.;

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6 Extraction of fractal feature for pattern recognition

Yu Tao; Lam, W.C.M.; Tung, Y.Y.;

Pattern Recognition, 2000. Proceedings. 15th International Conference on , Volume: 2 , 3-7 Sept 2000
Pages:527 - 530 vol.2

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7 An optical music recognition system for the notation of the Orthodox Hellenic Byzantine Music

Gezerlis, V.G.; Theodoridis, S.;

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8 A project for hand gesture recognition

Dionisio, C.R.P.; Cesar, R.M., Jr.;

Computer Graphics and Image Processing, 2000. Proceedings XIII Brazilian Symposium on , 17-20 Oct. 2000
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9 The Puzzle Project: a case study in multimedia signal processing

Griesbach, J.; Wiejaczka, J.; Frangopol, R.; Harsono, F.; Etter, D.;

Acoustics, Speech, and Signal Processing, 1997. ICASSP-97., 1997 IEEE International Conference on , Volume: 5 , 21-24 April 1997
Pages:4077 - 4080 vol.5

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10 Applied some new features in off-line recognition of totally unconstrained handwritten numerals using neural network

Dong Lin; Chen Xixian; Wu Shanpei; Tang Yuanyan;

Intelligent Processing Systems, 1997. ICIPS '97. 1997 IEEE International Conference on , Volume: 1 , 28-31 Oct. 1997
Pages:392 - 395 vol.1

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11 Lie group transformations of objects in images*Alder, M.;*

Digital Signal Processing Proceedings, 1997. DSP 97., 1997 13th International Conference on , Volume: 2 , 2-4 July 1997

Pages:539 - 542 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(372 KB\)\]](#) [IEEE CNF](#)**12 Proceedings of 3rd IEEE International Conference on Image Processing**

Image Processing, 1996. Proceedings., International Conference on , Volume 1 , 16-19 Sept. 1996

[\[Abstract\]](#) [\[PDF Full-Text \(2268 KB\)\]](#) [IEEE CNF](#)**13 A novel approach to optical character recognition based on ring-projection-wavelet-fractal signatures***Yuan Y. Tang; Bing F. Li; Hong Ma; Jiming Liu; Leung, C.H.; Ching Y. Suen;*

Pattern Recognition, 1996., Proceedings of the 13th International Conference on , Volume: 2 , 25-29 Aug. 1996

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[\[Abstract\]](#) [\[PDF Full-Text \(348 KB\)\]](#) [IEEE CNF](#)**14 Multiscale image segmentation using wavelets and watersheds***Jung, C.R.;*

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Pages:278 - 284

[\[Abstract\]](#) [\[PDF Full-Text \(299 KB\)\]](#) [IEEE CNF](#)**15 Face recognition using optimal non-orthogonal wavelet basis evaluation by information complexity***Xiaoling Wang; Hairong Qi;*

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Jong Bae Kim; Hang Joon Kim;
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17 **Recognition of human body posture from a cloud of 3D data points using wavelet transform coefficients**
Werghi, N.; Xiao, Y.;
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18 **Feature extraction by fractal dimensions**
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19 **WaveStat-cluster analysis of image data and wavelet coefficients**
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20 **Audio coding for mobile multimedia communications**

Sandler, M.B.; Kudumakis, P.; Magrath, A.J.;

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